

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (Previously amended) A method for treating a gastrointestinal disorder in a mammal suffering from or susceptible to the disorder, the method comprising administering to the mammal a therapeutically effective amount of a compound represented by any one of Formulae I, III, IV and VI through XIII or a pharmaceutically acceptable salt or solvate thereof.

Claim 2 (Canceled)

Claim 3 (Previously amended) The method of claim 1 wherein the mammal has been identified and selected for treatment to increase NO activity, and the compound is then administered to the identified and selected mammal.

Claim 4 (Previously amended) The method of claim 1 wherein the amount of the administered compound is sufficient to increase neuronal cyclic guanosine 3'-monophosphate (cGMP) levels as measured by a standard cGMP assay.

Claim 5 (Currently amended) The method of claim 1 wherein the gastrointestinal disorder is characterized by ~~hypomotility or hypermotility~~ motility disturbances in at least one of small intestine, large intestine, colon, esophagus and stomach.

Claim 6 (Previously amended) The method of claim 1 wherein the gastrointestinal disorder is further characterized by at least one of nausea, vomiting, heartburn, postprandial discomfort, diarrhea, constipation, and indigestion.

Claim 7 (Previously amended) The method of claim 1 wherein the disorder is associated with at least one of diabetes, anorexia nervosa, bulimia, achlorhydria, achalasia, anal fissure, irritable bowel syndrome, intestinal pseudoobstruction, scleroderma and gastrointestinal damage.

Claims 8-12 (Canceled)

Claim 13 (Previously amended) The method of claim 1 ~~or~~ 2 wherein the mammal is suffering from or susceptible to Crohn's disease or ulcerative colitis.

Claim 14 (Previously amended) The method of claim 1 wherein the compound is a PDE inhibitor.

Claims 15-34 (Canceled)

Claim 35 (Previously amended) A method for preventing or treating a diabetic gastropathy in a mammal comprising administering to the mammal a therapeutic amount of one or more of the compounds represented by Formulae I and III through XIII as those formulae are set forth above, or a pharmaceutically acceptable salt thereof.

Claim 36-43 (Canceled)

Claim 44 (Previously amended) A method for treating a mammal suffering from or susceptible to diabetes, anorexia nervosa, bulimia, achlorhydria, achalasia, anal fissure, irritable bowel syndrome, intestinal pseudoobstruction, scleroderma, gastrointestinal damage, Crohn's disease or ulcerative colitis, comprising administering to the mammal an effective amount of one or more of the compounds represented above by Formulae I, III, IV and VI through XIII as those formulae are set forth above, or a pharmaceutically acceptable salt thereof.

Claims 45-50 (Canceled)

Claim 51 (Previously amended) The method of claim 44 wherein the mammal has been identified as suffering from diabetes, anorexia nervosa, bulimia, achlorhydria, achalasia, anal fissure, irritable bowel syndrome, intestinal pseudoobstruction, scleroderma, gastrointestinal damage, Crohn's disease or ulcerative colitis, and the mammal has been selected for treatment for diabetes, anorexia nervosa, bulimia, achlorhydria, achalasia, anal fissure, irritable bowel syndrome, intestinal pseudoobstruction, scleroderma, gastrointestinal damage, Crohn's disease or ulcerative colitis.

Claim 52 (Canceled)

Claim 53 (Previously amended) The method of claim 1 wherein the mammal is a human patient.

Claim 54 (Previously amended) The method of claim 1 wherein the mammal has been subjected to or will be subjected to treatment with at least one prokinetic agent.

Claim 55 (Previously amended) The method of claim 1 wherein the method further comprises administering to the mammal a therapeutically effective amount of at least one prokinetic agent.

Claim 56 (Previously amended) The method of claim 55 wherein the prokinetic agent is metoclopramide, domperidone, erythromycin or cisapride.

Claim 57 (Previously added) A method for treating a gastrointestinal disorder in a mammal suffering from the disorder, the method comprising administering to the mammal a therapeutically effective amount of sildenafil.

Claim 58 (Currently amended) The method of claim 57, wherein the gastrointestinal disorder is characterized by ~~hypomotility or hypermotility~~ motility disturbances in at least one of small intestine, colon and stomach.

Claim 59 (Previously added) The method of claim 57, wherein the disorder is characterized by diarrhea or constipation.

Claim 60 (Previously added) The method of claim 57, wherein the disorder is associated with diabetes.

Claim 61 (Currently amended) A method for enhancing cGMP ~~increasing nNOS or mRNA expression~~ in a gastrointestinal organ comprising administering an effective amount of sildenafil to a mammal in need thereof.

Claim 62 (Currently added) The method of claim 61, wherein the ~~patient~~ mammal is a human.

Claim 63 (Previously added) The method of claim 61, wherein the organ is stomach, antrum, pylorus or intestine.

Claim 64 (Previously added) The method of claim 1 or 35, wherein the compound is represented by Formula I or a pharmaceutically acceptable salt or solvate thereof.

Claim 65 (Previously added) The method of claim 1 or 35, wherein the compound is represented by Formula III or a pharmaceutically acceptable salt or solvate thereof.

Claim 66 (Previously added) The method of claim 1 or 35, wherein the compound is represented by Formula IV or a pharmaceutically acceptable salt or solvate thereof.

Claim 67 (Previously added) The method of claim 35, wherein the compound is represented by Formula V or a pharmaceutically acceptable salt or solvate thereof

Claim 68 (Previously added) The method of claim 1 or 35, wherein the compound is represented by Formula VI or a pharmaceutically acceptable salt or solvate thereof.

Claim 69 (Previously added) The method of claim 1 or 35, wherein the compound is represented by Formula VII or a pharmaceutically acceptable salt or solvate thereof.

Claim 70 (Previously added) The method of claim 1 or 35, wherein the compound is represented by Formula VIII or a pharmaceutically acceptable salt or solvate thereof.

Claim 71 (Previously added) The method of claim 1 or 35, wherein the compound is represented by Formula IX or a pharmaceutically acceptable salt or solvate thereof.

Claim 72 (Previously added) The method of claim 1 or 35, wherein the compound is represented by Formula X or a pharmaceutically acceptable salt or solvate thereof.

Claim 73 (Previously added) The method of claim 1 or 35, wherein the compound is represented by Formula XI or a pharmaceutically acceptable salt or solvate thereof.

Claim 74 (Previously added) The method of claim 1 or 35, wherein the compound is represented by Formula XII or a pharmaceutically acceptable salt or solvate thereof.

Claim 75 (Previously added) The method of claim 1 or 35, wherein the compound is represented by Formula XIII or a pharmaceutically acceptable salt or solvate thereof.

Claim 76 (Previously added) A method for treating a mammal suffering from or susceptible to diabetes, anorexia nervosa, bulimia, achlorhydria, achalasia, anal fissure, intestinal pseudoobstruction, scleroderma, gastrointestinal damage, Crohn's disease or ulcerative colitis, comprising administering to the mammal an effective amount of a compound represented by Formula V or a pharmaceutically acceptable salt thereof.